

10 VOLUME AUTHOR INDEX

(Vols. 1-10, 1962-1972)

JOURNAL OF RESEARCH ON THE LEPIDOPTERA

- Adams, Phillip A.
 A rubber stamp method for producing specimen labels 2(3):225-228
 An evaporative cooling mechanism in *Pholus achemon* (Sphingidae)
 P. A. Adams and J. E. Heath 3(2):69-72
- Ae, Shigeru
 Hybrids between *Papilio memnon* and *Papilio protenor* 3(1):55-62
- Andersen, W. A. (see R. S. Simmons)
- Anthony, George Scott
 Population Structure of *Oeneis melissa semidea* 7(3):133-148
- Barton, H. E. (see C. L. Selman)
- Bauer, W. R. (see J. S. Buckett)
- Beard, P. (see F. A. Urquhart)
- Biggs, J. D. (see A. M. Shapiro)
- Breedlove, D. E. (see J. F. Emmel and O. Shields)
- Brown, F. Martin
 W. H. Edwards' life histories of North American *Coenonympha*
 3(2):121-128
 Comments on the Genus *Cercyonis* Scudder, with figures of types
 (Satyridae) 4(2):131-148
Euphydryas editha gunnisonensis, a new subspecies from Western
 Colorado 9(1):21-23
- Brown, Richard M.
 Larva and Habitat of *Callophrys fotis bayensis* 8(2):49-50
- Brownlee, R. (see F. A. Urquhart)
- Buckett, J. S.
 Collecting of *Annaphila spila* with notes on the "crimson-winged"
 group of the genus 2(4):303-304
 Review of the depicta group of the genus *Annaphila* 3(2):95-101
 J. S. Buckett and W. R. Bauer
 Revision of the North American Genus *Behrensia* 3(3):129-144
Petaluma, a new genus 3(3):193-196
 J. S. Buckett and W. R. Bauer
 Identity of *Heliosea celeris melicleptroides* 4(1):79-80
 A Reevaluation of *Annaphila casta* (Noctuidae) 4(3):199-204
 The Noctuid Moth *Annaphila baueri* with Notes On Its Habits
 4(3):185-189
 The Little Known Species *Luperina venosa*
 J. S. Buckett and L. P. Lounibos 4(4):227-232
 Rediscovery and Redescription of the Moth *Lithophane vanduzeei*
 (Barnes) 4(4):281-286
 John S. Buckett and Ronald H. Leuschner
 Rediscovery of *Annaphila casta* Hy. Edw. in California (Noctuidae)
 5(1):37-38
 A New Species of *Oncocnemis* from the Western United States (Noc-
 tuidae: Cuculliinae)
 John S. Buckett and William R. Bauer 5(4):197-208
 A New Species of *Polia* Ochseneimer from California and Notes on
Polia discalsis (Grote) (Noctuidae: Hadeninae)
 John S. Buckett and William R. Bauer 5(4):221-228
 The Little Known Moth *Euxoa sculptilis* (Harvey) in Arizona, with
 Descriptions, Illustrations, and Notes on *Euxoa violaris* (Grote and
 Robinson) (Noctuidae-Agrotiinae) 5(4):255-261

- Discovery of a Larval Hostplant for *Annaphila lithosina* With Notes on the Species (Noctuidae Amphipyridae) 5(4):262-264
 Description of a New Species of *Xylomiges* from California 6(1):23-30
 A New Species of *Feralia* 6(1):43-51
 Homonymy of the "New Genus" *Petaluma* and Proposal of the Name *Petalumaria* 6(1):52
 J. S. Buckett and W. R. Bauer
 A New Species of Armyworm — Genus *Faronta* 6(4):268-274
 Identity of the moth "*Stretchia*" *behrensiana* with new synonymy. 7(1):57-63
 Species in the Genera *Polia* and *Euxoa* 7(2):87-94
 Variation in Color and Maculation in *Nemoria pulcherrima* John S. Buckett and T. A. Sears 7(2):95-98
 Identity of the moth *Loxagrotis pampolycala* (Noctuidae) 8(3):118-128
 Revision of the Nearctic Genus *Philtraea* 9(1):29-64
 Identity of the moth *Oncocnemis semicollaris* J. B. Smith 10(3):248-254
 see also P. A. Opler
 Callaghan, Curtis J.
 A Checklist of Utah Butterflies and Skippers
 Curtis J. Callaghan and Kenneth B. Tidwell 10(3):191-202
 Chang, Vincent C. S.
 Quantitative analysis of certain wing and genitalia characters of *Pieris* in western North America 2(2):97-125
 Biographical sketch — Vincent C. S. Chang 2(2):126
 also see W. Hovanitz
 Clark, Gowan C.
 The Life Histories of Two Species of South African *Eurema*
 Gowan C. Clark and C. G. C. Dickson 4(4):252-257
 The Life-Histories of South African *Colotis erone*, *C. ione*, *C. vesta* and *Leptosia alcesta* (Pieridae)
 Gowan C. Clark and C. G. C. Dickson 6(1):31-42
 South African *Eurema*
 G. C. Clark and C. G. C. Dickson 8(1):18-19
 Clench, Harry K.
Callophrys (Lycaenidae) from the Northwest 2(2):151-160
 A synopsis of the west Indian Lycaenidae, with remarks on their zoogeography 2(4):247-270
 A new species of Riordinidae from Mexico 3(2):73-79
 A review of the genus *Lasaia* (Riordinidae) 10(2):149-180
 Crawford, C. S.
 Decapitation-initiated oviposition in Crambid moths 3(1):5-8
 Primary geo-orientation in sod webworm moths 9(2):65-74
 Comstock, John Adams
 Notes on the early stages of two California geometrids 1(3):195-200
 Early stages of a southern California Geometrid moth, *Drepanulatrix hulsti hulsti* (Dyar) 1(4):245-248
 Notes on the early stages of *Drepanulatrix monicaria* (Guenee) (Geometridae) 2(3):201-203
 Studies in life histories of North American Lepidoptera
 John Adams Comstock and Christopher Henne 3(3):173-191
 Biographical sketch—John Adams Comstock 2(3):204
 Studies in the Life Histories of North American Lepidoptera California
Annaphila II.
 J. A. Comstock and C. Henne 5(1):15-26
 The Eggs and First Instar Larvae of Three California Moths 5(4):215-219

- An Additional Food Plant Record for *Papilio thoas autocles* R. & J.
5(4):220
- Studies in the Life Histories of North American Lepidoptera. California
Annaphila III.
J. A. Comstock and C. Henne 6(4):257-262
- Early Stages of *Lygomorpha regulus*.
J. A. Comstock and C. Henne 6(4):275-280
- Crowe, Charles R.
The climatological tool in Lepidoptera research 4(1):23-36
A possible new hybrid copper 8(2):51-52
- Dickson, C. G. C. (see Clark, G. C.)
- Dimock, Thomas E.
Type locality and habitat—*Cynthia annabella* 10(4):265-266
- Donahue, Julian
A Melanic form of *Pieris rapae* 6(4):266
- Dornfeld, Ernst J.
A field captured scale-deficient mutant of *Anthocaris sara*.
9(1):25-28
- Downey, J. C. (see D. A. Lawrence)
- Eaton, Theodore H., Jr.
Caterpillar Versus Dinosaur? 1(2):114-116
- Emmel, John F.
Composition and relative abundance in a temperate zone butterfly
fauna.
Thomas C. Emmel and John F. Emmel 1(2):97-108
- Larval food-plant records for six western *Papilio*s
John F. Emmel and Thomas C. Emmel 1(3):191-193
- Genetic relationships of *Papilio indra* and *Papilio polyxenes*
John F. Emmel and Thomas C. Emmel 3(3):157-158
- Larval foodplant records for North American Rhopalocera. Part 2.
J. F. Emmel, O. Shields and D. E. Breedlove 9(4):233-242
also see T. C. Emmel and O. Shields
- Emmel, Thomas C.
Composition and relative abundance in a temperate zone butterfly
fauna
Thomas C. Emmel and John F. Emmel 1(2):97-108
- Colias philodice* in Chiapas, Mexico 1(3):194
- New gynandromorph of *Colias philodice* from Colorado 3(1):63-64
- Methods for Studying the Chromosomes of Lepidoptera 7(1):23-28
- Life History of *Satyrrium sylvinus dryope*
T. C. Emmel and J. F. Emmel 7(2):123-125
- Population Biology of the Neotropical Satyrid butterfly, *Euptychia
Hermes*. I. Interpopulation movement, etc. 7(3):153-165
- Estimation of natural mutation rates for albinism in two species of
Satyrid genus *Cercyonis* 8(2):65-68
- Seasonal changes in organization of tropical rain forest butterfly popu-
lations in Panama.
Thomas C. Emmel and Charles F. Leck 8(4):133-152
also see J. F. Emmel
- Eriksen, C. H.
Further evidence of the distribution of some boreal Lepidoptera in
the Sierra Nevada 1(1):89-93
- Ferris, Clifford D.
Two new forms of Plebejinae from Wyoming. 8(3):91-93
A new subspecies of *Euphydryas* from Wyoming 9(1):17-20
A new subspecies of *Boloria eunomia* from Wyoming.
C. D. Ferris and D. R. Groothuis 9(4):243-248
- Flanders, S. E.
Did the caterpillar exterminate the giant reptile? 1(1):85-88

- Fox, Richard M.
 Affinities and distribution of Antillean Ithomiidae 2(3):173-184
 Know Your Author — Richard M. Fox 4(4):251
 Forelegs of Butterflies I. Introduction: Chemoreception 5(1):1-12
- Freeman, H. A.
 Type localities of the Megathymidae 2(2):137-141
 Biographical sketch — H. A. Freeman 2(2):142
 The effects of pH on the distribution of the Megathymidae 3(1):1-4
 Larval habits of *Agathymus mariae* 3(3):145-149
 New Skipper Records for Mexico 5(1):27-28
 Remarks on The Genus *Zera* Evans in Mexico with a New Record 5(3):181-184
 Speciation in the *Agathymus* (Megathymidae) 5(4):209-214
 The Status of Some Hesperidae from Mexico 6(1):59-64
 Polycator Polycator in Mexico 6(3):195-196
- Freeman, T. N.
 New Canadian Species of Leaf-Mining Lepidoptera of Conifers 4(3):209-220
 A New Species of *Epinotia* Hubner from British Columbia (Olethreutidae) 5(1):13-14
 A New Species of *Nepticula* on Bur Oak in Ontario 6(1):19-21
 also see A. Mutuura
- Gage, E. V. (see E. M. Perkins)
- Gardiner, Brian O. C.
 Genetic and environmental variation in *Pieris brassicae* 2(2):127-136
 The Rearing of *Dirphiopsis Eumedide* (Saturniidae) 4(4):287-292
 Notes on *Eacles penelope* (Saturniidae) 5(3):177-180
 Know Your Author — Brian O. C. Gardiner 5(4):229
 Rearing *Euleucophaeus rubridorsa* and *E. lex* 6(1):53-58
- Garth, John S.
 Yosemite Butterflies: An ecological survey of the butterflies of the Yosemite sector of the Sierra Nevada, California
 John S. Garth and J. W. Tilden 2(1):1-96
- Glick, Perry A.
 (see Kendall)
- Gorelick, Glenn Alan
 A New Subspecies of *Callophrys dumetorum* 7(2):99-104
- Grey, L. P.
 On the Gunder collection 8(2):55-64
- Groothuis, D. R. (see C. D. Ferris)
- Guppy, Richard
 Further observations on "hilltopping" in *Papilio zelicaon* 8(3):105-117
- Hanson, William R.
 Estimating the Density of An Animal Population 6(3):203-247
 Trials of several density estimators on a butterfly population
 W. R. Hanson and W. Hovanitz 7(1):35-49
- Harriss, T. T. (see F. Munger)
- Heath, J. E. (see P. A. Adams)
- Heitzman, John Richard
 The complete life history of *Staphylus hayhursti* 2(2):170-172
 Early stages of *Euphyes vestris* 3(3):151-154
 The habits and life history of *Amblyscirtes nysa* (Hesperidae) in Missouri 3(3):154-156
 The life history of *Amblyscirtes belli* in Missouri 4(1):75-78
 The life history of *Amblyscirtes linda* (Hesperidae)
 J. R. Heitzman and Roger Heitzman 8(3):99-104

- Hesperia metea* life history studies
 J. R. Heitzman and Roger L. Heitzman 8(4):187-193
 Newbutterfly records for the United States
 (Hesperiidae and Libytheidae)
 Richard Heitzman and Robert L. Heitzman 10(4):284-286
 Heitzman, R. L. (see J. R. Heitzman)
- Henne, Christopher
 Life History Studies on the *Lithosina-Miona-Casta* complex of the
 genus *Annaphila* 6(4):249-256
 also see J. A. Comstock
 also see C. L. Hogue
- Heppner, J. B.
 The distribution of *Paratrytone melane* and its
 spread into San Diego County 10(4):287-300
- Herlan, Peter J.
 A new subspecies of *Limenitis archippus* 9(4):217-222
- Hoegh-Guldberg, Ove
 Pupal sound production of some Lycaenidae 10(2):127-147
- Hogue, Charles L.
 A standard method for mounting whole adult lepidoptera on slides
 utilizing polystyrene plastic 1(3):223-235
 Systematics and Life History of *Saturnia (Calosaturnia) albofasciata*
 in California (*Saturniidae*)
 Charles L. Hogue, Frank P. Sala, Noel McFarland and
 Christopher Henne 4(3):173-184
 A New Species of *Basilodes* from the Southwestern United States
 (*Noctuidae*) 4(4):275-280
- Honch, G. (see W. Hovanitz)
- Hovanitz, William
 The effect of various food plants on survival and growth rate of *Pieris*
 William Hovanitz and Vincent C. S. Chang 1(1):21-42
 Three factors affecting larval choice of food plant
 William Hovanitz and Vincent C. S. Chang 1(1):51-61
 The distribution of the species of the genus *Pieris* in North America
 1(1):73-83
 1(1):95-96
 Argynnis and Speyeria
 Geographical distribution and variation of the Genus *Argynnis*. I. In-
 troduction. II. *Argynnis idalia* 1(2):117-123
 The effect of hybridization of host-plant strains on growth rate and
 mortality of *Pieris rapae*
 William Hovanitz and Vincent C. S. Chang 1(2):157-162
 The relation of *Pieris virginiensis* Edw. to *Pieris napi* L. Species for-
 mation in *Pieris*? 1(2):124-134
 Change of food plant preference by larvae of *Pieris rapae* controlled
 by strain selection, and the inheritance of this trait
 William Hovanitz and Vincent C. S. Chang 1(2):163-168
 Selection of allyl isothiocyanate by larvae of *Pieris rapae* and the in-
 heritance of this trait
 William Hovanitz and Vincent C. S. Chang 1(3):169-182
 Geographical distribution and variation of the genus *Argynnis*. III.
Argynnis diana 1(3):201-208
 The effectiveness of different isothiocyanates on attracting larvae of
Pieris rapae
 William Hovanitz, Vincent C. S. Chang and Gerald Honch
 1(4):249-259
 The origin of a sympatric species in *Colias* through the aid of natural
 hybridization 1(4):261-274
 Ovipositional preference tests with *Pieris*
 William Hovanitz and Vincent C. S. Chang 2(3):185-200

- The origin of a sympatric species in *Colias* through the aid of natural hybridization 2(3):205-223
- Comparison of the selective effect of two mustard oils and their glucosides on *Pieris* larvae
W. Hovanitz and V. C. S. Chang 2(4):281-288
- Book review—Fox and Fox: Introduction to Comparative Entomology 3(1):8
- Book review—Dos Passos: Synonymic list of Nearctic Rhopalocera 3(1):19-24
- The origin of a sympatric species in *Colias* through the aid of natural hybridization 3(1):37-44
- Adult oviposition responses in *Pieris rapae*
William Hovanitz and Vincent C. S. Chang 3(3):159-172
- The alteration of host plant specificity in larvae of *Pieris rapae* by induction
William Hovanitz and Vincent C. S. Chang 4(1):13-21
- A Colias christina* gynandromorph 4(1):41
- Colias christina-alexandra* intergradation. Cover illustration 4(1):42
- Alaska refreshments 4(2):113
- Parallel ecogenotypical color variation in butterflies (cover illustration) 4(2):114
- Ecological Color Variation in Some *Argynnis* of the Western United States 6(3):197-198
- Natural Habitats 6(3):199-202
- Man-made Habitat for *Colias Eurytheme* 6(4):267
- Present and Ice Age Life Zones and Distributions 7(1):31-34
- Habitat — *Argynnis callippe laurina* 7(1):50
- Habitat — *Pieris beckeri* 7(1):56
- Habitat: General Type Locality, *Glaucopsyche lygdamus xerxes*, *Plebejus icariodes pheres* 7(2):122
- Habitat: Specific type locality, *Plebejus icariodes missionensis* 7(2):126
- Habitat: *Zerene caesonia eurydice* 7(4):182, 190
- Habitat — *Euchloe hyantis andrewsi* 8(1):16-17
- Habitat — *Argynnis nokomis* 8(1):20
- Habitat — *Colias philodice eriphyle* and *Colias eurytheme*. 8(4):182
- Habitat — *Oeneis chryxus stanislaus* 8(4):194
- Review: The Moths of North America North of Mexico Fasc. 21. Sphingoidea, by Ronald W. Hodges 9(1):10
- Review: Butterflies of Trinidad and Tobago, by Malcolm Barcant. 9(1):24
- Habitat — *Colias vautieri* 9(2):100
- Habitat — *Yramea cytheris* 9(2):126
- Habitat — *Argynnis adiaсте* 9(3):168
- Review — Jamaica and its Butterflies 10(2):148
- see also W. R. Hanson
- Irwin, Roderick R.
Euphyes dukesi and other Illinois Hesperiidæ 8(4):183-186
Further notes on *Euphyes dukesi* 10(2):185-188
- Keiper, Ronald
Field Studies of *Catacala* Behavior 7(2):113-121
Daytime vision by the moth, *Exyra ridingsi* 7(2):131-132
- Kendall, Roy O.
Rhopalocera collected at light in Texas
Roy O. Kendall and Perry A. Glick 10(4):273-283

Kolyer, John M.

- The Feeding of Coloring Matters to *Pieris rapae* Larvae 4(3):159-172
 Vital Staining of *Colias philodice* and *C. eurytheme* 5(3):137-152
 Note on Vital Staining of *Actias luna* silk 7(1):29-30
 Note on Damaged Specimens 7(2):105-111
 Scanning electron microscopy on wing scales of *Colias eurytheme*
 John M. Kolyer and Anne Marie Reimschuessel 8(1):1-15
 Development of the markings on the pupal wing of *Pieris* pupae. 8(3):69-90

La Due, Lillian

- Oxygen consumption and metabolic rate of *Papilio zelicaon* pupae in a state of delayed eclosion 3(4):197-206

Lawrence, Donald A.

- Morphology of the Immature Stages of *Everes Comyntas* Godart
 Donald A. Lawrence and John C. Downey 5(2):61-96
 also see J. S. Buckett

Leck, C. F. (see T. C. Emmel)

Leuschner, Ronald H.

- California Coastal Eupithecias with description of a new species (*Geometridae*) 4(3):191-197

also see J. S. Buckett

Lounibos, L. P. (see J. S. Buckett)

McAlpine, Wilbur S.

- The Butterfly Genus *Calephelis* 10(1):1-125

McFarland, Noel

- The moths (Macroheterocera) of a chaparral plant association in the Santa Monica mountains of southern California 4(1):43-73
 Know Your Author — Noel McFarland 4(1):74
 Cover Photo: *Daritis? howardi* Hy. Edw. larvae 5(1):36
 A Moth Sheet 5(1):29-36
 Overcoming Difficulties With The Pupae of *Euproserpinus phaeton* *mojave* 5(4):249-252
 Spring Moths of a Natural Area in Northeastern Kansas 6(1):1-18
 Rearing technique for speeding up larval stages. 7(3):166
 Botanical names in entomological papers and habitat studies 9(2):89-96
 Notes on describing, measuring, preserving and photographing the eggs of Lepidoptera 10(3):203-214
 Egg photographs depicting 40 species of Southern Australian moths 10(3):215-247

also see C. L. Hogue

McHenry, Paddy

- The generic, specific and lower category names of the Nearctic butterflies. Part 1 — The genus *Pieris* 1(1):63-71
 The generic, specific and lower category names of the nearctic butterflies. Part 2 — *The Genus Colias* 1(3):209-221
 Generic or subgeneric names closely related to *Argynnis* 2(3):229-239
 The generic, specific and lower category names of the nearctic butterflies. Part 3. *Argynnis* 3(4):231-268
 "Corrections" to paper by P. McHenry 4(1):12
 The Generic, Specific and Lower Category Names of the Nearctic Butterflies. Part 4 — *The Genus Euptoieta* 4(3):205-208
 The Generic, Specific and Lower Category Names of the Nearctic Butterflies 6(1):65-68
 The Generic, Specific and Lower Category Names of the Nearctic butterflies. Pt. 6, The Genus *Dryas* 6(4):263-265

- The Generic, Specific and Lower Category Names of Nearctic Butterflies. Part 7. The Genus *Dryadula* 7(2):112
- The Generic, Specific and Lower Category Names of Nearctic Butterflies. Part 8. The Genus *Agraulis* 7(2):127-130
- McLeod, L.
Controlled environment experiments with *Precis octavia* Cram. 7(1):1-18; 8(2):53-54
- Masters, John H.
Ecological and Distributional notes on *Erebia disa* in central Canada 7(1):19-22
Records of *Colias gigantea* from southwest Manitoba and Minnesota 8(3):129-132
Ecological and distributional notes on *Erebia discoidalis* 9(1):11-16
Concerning *Colias eurytheme alberta* 9(2):97-99
Concerning *Colias christina mayi* 9(4):227-232
Heliconius cydno in Venezuela with descriptions for two new subspecies 10(4):267-272
- Mather, Bryant
Euphyes dukesi 2(2):161-169
The southern limits of the range of *Pieris napi* and *P. virginensis* 3(1):45-48
Know Your Author — Bryant Mather 5(4):248
Speyeria cybele In Mississippi. Argynnis: (Argynnis) 5(4):252-253
Euphyes dukesi — Additional Record 5(4):253-254
- Mattoni, Rudolf H. T.
Techniques in the study of population structure in *Philotes sonorensis* Rudolf H. T. Mattoni and Marvin S. B. Seiger 1(4):237-244
Distribution and pattern of variation in *Philotes rita* 4(2):81-101
- Miller, Jacqueline Y.
The Head Capsule of Selected Hesperioidea 9(4):193-214
- Miller, Lee D.
Systematics and Zoogeography of the Genus *Phanus* 4(2):115-130
A Review of the West Indian "Choranthus" 4(4):259-274
On Mexican Satyridae 7(1):51-55
Nomenclature of Wing Veins and Cells 8(2):37-48
- Montgomery, J. C. (see O. Shields)
- Muller, Joseph
Is air pollution responsible for melanism in Lepidoptera and for scarcity of all orders of insects in New Jersey? 10(2):189-190
- Munger, Francis
Laboratory production of the Monarch Butterfly, *Danaus plexippus* F. Munger and T. T. Harriss 8(4):169-176
see also F. A. Urquhart
- Munro, J. Alex
Biology of the Ceanothus stem-gall moth, *Periploca ceanothiella* (Cosens), with consideration of its control. 1(3):183-190
- Mutuura, A.
The North American Species of the Genus *Zeiraphera* A. Mutuura and T. N. Freeman 5(3):153-176
- Nekrutenko, Yuri
The hidden wing-pattern of some Palearctic species of *Gonepteryx* and its taxonomic value 3(2):65-68
Three cases of gynandromorphism in *Gonepteryx* 4(2):103-107
Know your author — Y. P. Nekrutenko 4(2):108
Tertiary Nymphalid Butterflies and Some Phylogenetic Aspects of Systematic Lepidopterology 4(3):149-158

- Newcomer, E. J.
 The synonymy, variability and biology of *Lycaena nivalis* 2(4):271-280
 Life histories of *Papilio indra* and *P. oregonius* 3(1):49-54
 Know Your Author — Newcomer, Erval Jackson 4(4):252
 Three Western Species of *Polites* 5(4):243-247
- Novak, Ivo
 The relationship between migration and diapause during phylogeny
 and ontogeny of some Lepidoptera I. Novak and K. Spitzer 10(2): 181-184
- Opler, Paul A.
 Studies on the Nearctic *Euchloe*. Parts 1, 11 5(1):39-50
 Studies on the Nearctic *Euchloe*. Part 3. Complete Synonymical Treat-
 ment. Part 4. Type Data and Type Locality Restrictions 5(3):185-195
 A Gynandromorph of *Lycaena gorgon* 5(4):230
 Studies on Nearctic *Euchloe*. Part 5. Distribution 7(2):65-86
 Studies on Nearctic *Euchloe*. Part 6. Systematics of adults 8(4):153-168
 Seasonal distribution of "Macrolepidoptera" in Santa Clara County,
 California P. A. Opler and J. S. Buckett 9(2):75-88
 Correction: Paul A. Opler and J. S. Buckett 9(3):156
- Pease, Jr., Roger W.
 Variation of *Uthetheisa ornatrix* (Arctiidae) including
 a new species from St. Croix, Virgin Islands 10(4):261-264
- Perkins, Edwin M., Jr.
 On the occurrence of *Limenitis archippus* X *L. lorquini* hybrids.
 Edwin M. Perkins, Jr. and Edward V. Gage 9(4):223-226
- Persson, Bert
 Diel egg-laying activity of *Agrotis exclamationis*
 (Noctuidae) 10(4):255-260
- Petersen, Bjorn
 The male genitalia of some *Colias* species 1(2):135-156
 A method for breeding *Pieris napi* and *Pieris bryoniae* 1(4):275-279
 Comparative Speciation In Two Butterfly Families, Pieridae and Nym-
 phalidae 5(2):113-126
- Pfeiler, Edward J., Jr.
 The Effect of Pterin Pigments on Wing Coloration of Four Species of
 Pieridae 7(4):183-189
- Porter, James W.
 An annotated list of butterflies for Northwestern Ohio 4(2):109-112
- Reimschuessel, A. M. (see J. M. Kolyer)
- Reinthal, Walfried J.
 Butterfly Aggregations 5(1):51-59
- Roever, Kilian
 Bionomics of *Agathymus* (Megathymidae) 3(2):103-120
 Instar determination of *Agathymus* larvae 3(3):148-150
- Ross, Gary N.
 Evidence for lack of territoriality in two species of *Hamadryas* 2(4):241-246
 Life History Studies on Mexican Butterflies. I. 3(1):9-18
 Life history studies on Mexican butterflies II, *Anatole rossi* 3(2):81-94
 Life history studies on Mexican butterflies. III. Nine *Rhopalocera* from
 Ocotal Chico, Vera Cruz 3(4):207-329

- Sala, Frank P.
 The *Annaphila astrologa* complex, with descriptions of three new species 2(4):289-301
Synaxis moresiani Sala; a new *Synaxis* from Southern California. 9(3):185-191
 also see C. L. Hogue
- Scott, James A.
 Hilltopping as a Mating Mechanism to Aid the Survival of Low Density Species 7(4):191-204
 A list of Antillean butterflies 9(4):249-256
- Sears, T. A. (see J. S. Buckett)
- Seiger, M. S. B. (see R. H. T. Mattoni)
- Selman, Charles L.
 Spring moth activity in relation to locality, temperature, and air pressure
 C. L. Selman and H. E. Barton 9(1):1-9
- Sette, Oscar Elton
 Variation in the silvering of *Argynnis (Speyeria) callippe* in the interior mountain area of south central California 1(1):3-20
- Shapiro, Arthur M.
 Melanic tendencies in Phalaenid and Geometrid moths in eastern Pennsylvania 3(1):19-24
 Polymorphism in *Sunira bicolorago* (Noctuidae) 4(1):1-5
Antepione thiosaria and *Xanthotype*: A case of Mimicry 4(1):6-11
 A Hybrid *Limenitis* from New York
 Arthur M. Shapiro and James D. Biggs 7(3):149-152
 The biology of *Poanes viator* 9(2):109-123
 Postglacial biogeography and the distribution of *Poanes viator* and other marsh butterflies 9(3):125-193
 Origin of Autumnal "False Broods" in Common Pierid Butterflies 6(3):181-193
- Shepard, Jon H.
 The genus *Lycaeides* in the Pacific Northwest 3(1):25-36
- Simmons, Robert S.
 Eighteen new or scarce butterflies for the State of Maryland.
 Robert S. Simmons and William A. Andersen 9(3):175-184
- Shields, Oakley
Callophrys (Mitoura) spinetorium and *C. (M) johnsoni*: Their known range, habits, variation, and history 4(4):233-250
 The Butterfly Fauna of a Yellow Pine Forest Community 5(2):127-128
 The Distribution and Bionomics of Arctic-Alpine *Lycaena phlaeas* Subspecies in North America
 Oakley Shields and Johnson C. Montgomery 5(4):231-242
 Appendix to Distribution of *Lycaena phlaeas*
 Oakley Shields and Johnson C. Montgomery 5(4):265-266
 Fixation of the Type Locality of *Lycaena phlaeas hypophlaeas* and a Foodplant Correction 6(1):22
 Hilltopping: An Ecological Study of Summit Congregation Behavior of Butterflies on a Southern California Hill 6(2):69-178
 Butterfly larval foodplant records and a procedure for reporting foodplants
 O. Shields, J. F. Emmel, and D. E. Breedlove 8(1):21-36
 also see J. F. Emmel
- Spitzer, K. (see I. Novak)
- Stegner, R. W. (see F. A. Urquhart)
- Tang, A. P. S. (see F. A. Urquhart)

- Thorne, Fred
 The distribution of an endemic butterfly *Lycaena hermes* 2(2):143-150
 Habitat: *Euphydryas editha wrighti* 7(3):167-168
- Tidwell, K. B. (see C. J. Callaghan)
- Tilden, J. W.
 General characteristics of the movements of *Vanessa cardui* (L.) 1(1):43-49
 The *Argynnis* populations of the Sand Creek area, Klamath Co., Oregon, Part I 1(2):109-113
 An analysis of the North American species of the genus *Callophrys* 1(4):281-300
 Biographical sketch — James Wilson Tilden 2(3):224
 The genus *Panoquina* occurring in Texas 4(1):37-40
 A Previously Unrecognized Subspecies of *Philotes speciosa* 6(4):281-284
 Concerning the names and status of certain North American members of the genus *Phycoides* 8(3):94-98
 Comments on the nearctic members of the genus *Precis* Huebner 9(2):101-108
 also see J. S. Garth
- Turner, John R. G.
 A Little-Recognised Species of *Heliconius* Butterfly 5(2):97-112
 Correction to "A Little-recognized Species of *Heliconius* Butterfly" 5(4):267
- Urquhart, F. A.
 A Population Study of a Hibernial Roosting Colony of the Monarch Butterfly (*D. plexippus*) in Northern California
 F. A. Urquhart, P. Beard and R. Brownlee 4(4):221-226
 Laboratory Techniques for Maintaining Cultures of the Monarch Butterfly
 F. A. Urquhart and R. W. Stegner 5(3):129-136
 Population of *Danaus plexippus* in Southern California
 F. A. Urquhart, N. R. Urquhart, and F. Munger 7(4):169-181
 The effect of cauterizing the PPM of the pupa of the Monarch butterfly
 F. A. Urquhart and A. P. S. Tang 9(3):157-167
- Weiss, Dalibor
 A new *Parnassius eversmanni* race from Nord-east Siberia (USSR) 9(4):215-216
- Wielgus, Ronald S.
 The rearing of *Papilio indra kaibabensis* 8(4):177-181
 Additional notes on the distribution and foodplant preferences of *Megathymus coloradensis navajo* 9(3):169-174
 Ronald S. Wielgus, Joseph R. Wielgus and Dale Wielgus
- Wielgus, J. R. (see R. S. Wielgus)
- Wielgus, Dale (see R. S. Wielgus)